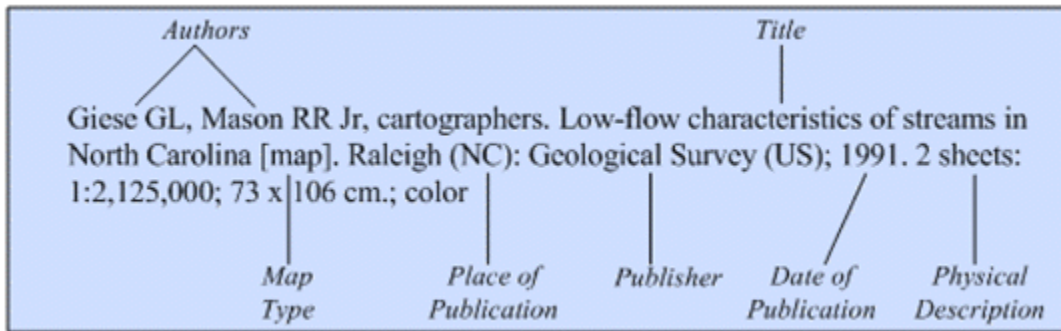


## 9. Maps

- Sample Citation and Introduction
- Citation Rules with Examples
- Examples

## Sample Citation and Introduction to Citing Maps

The general format for a reference to a map, including punctuation:



**Illustration of the general format for a reference to a map.**

### Examples of Citations to Maps

References to maps are very similar to books, with five major exceptions:

- Authors of maps are termed "cartographers".
- If the area covered by the map is not included in the title, it is added after the title in square brackets.
- The word map or the specific type of map is given after the title (and area if needed) in square brackets.
- Numbers of sheets, not pages, are given.
- Description of the map is usually provided, including its scale or projection, its physical size, and whether it is in color or black and white.

Maps in this section refer to those published as independent sheets. For citing maps appearing in books and atlases, see Chapter 2C Parts of Books.

Continue to Citation Rules with Examples for Maps.

Continue to Examples of Citations to Maps.

## Citation Rules with Examples for Maps

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Components/elements are listed in the order they should appear in a reference. An R after the component name means that it is required in the citation; an O after the name means it is optional.

Author (cartographer) (R) | Author Affiliation (O) | Title (R) | Map Type (R) | Type of Medium (R) | Edition (R) | Editor and other Secondary Authors (O) | Place of Publication (R) | Publisher (R) | Date of Publication (R) | Pagination (O) | Physical Description (O) | Series (O) | Language (R) | Notes (O)

### Author (cartographer) for Maps (required)

#### General Rules for Author:

- List names in the order they appear in the text
- Enter surname (family or last name) first for each author
- Capitalize surnames and enter spaces within surnames as they appear in the document cited on the assumption that the author approved the form used. For example: Van Der Horn *or* van der Horn; De Wolf *or* de Wolf *or* DeWolf.
- Convert given (first) names and middle names to initials for a maximum of two initials following each surname. For example: Smith AB.
- Give all authors, regardless of the number
- Separate author names from each other by a comma and a space
- End author information with a period
- See Editor and Other Secondary Authors below if there are authors and editors

#### Specific Rules for Author:

- Surnames with hyphens and other punctuation in them
- Other surname rules
- Given names containing punctuation, a prefix, a preposition, or particle
- Degrees, titles, and honors before or after a personal name
- Designations of rank in a family, such as Jr and III
- Names in non-roman alphabets (Cyrillic, Greek, Arabic, Hebrew) or character-based languages (Chinese, Japanese, Korean)
- Organizations as author
- No author can be found
- Options for author names

#### Examples for Author:

1. Standard citation to a map
2. Map with designation of family rank for the author (cartographer)
3. Map with an organization as author (cartographer)
4. Map with no author (cartographer) provided

## Author Affiliation for Maps (optional)

### General Rules for Author Affiliation:

- Enter the affiliation of all authors or only the first author
- Begin with the department and name of the institution, followed by city and state/Canadian province/country
- Use commas to separate parts of the address
- Place the affiliation in parentheses. For example: (Department of Earth and Biological Sciences, Loma Linda University, Loma Linda, CA).
- Follow the affiliation with a comma placed outside the closing parenthesis, unless it is the affiliation of the last author, then use a period

### Specific Rules for Author Affiliation:

- Abbreviations in affiliations
- Organizational names for affiliations not in English
- Names for cities and countries not in English
- E-mail address included

### Examples for Author Affiliation:

5. Map showing author (cartographer) affiliation

## Title for Maps (required)

### General Rules for Title:

- Enter the title of a map as it appears in the original document, in the original language
- Capitalize only the first word of a title, proper nouns, proper adjectives, acronyms, and initialisms
- Use a colon followed by a space to separate a title from a subtitle, unless some other form of punctuation such as a question mark, period, or an exclamation point is already present
- Follow non-English titles with a translation whenever possible; place the translation in square brackets
- End a title with a space

### Specific Rules for Title:

- Area of map not indicated in the title
- Titles not in English
- Titles in more than one language
- Titles containing a Greek letter, chemical formula, or another special character
- No title can be found

### Examples for Title:

6. Map with subtitle
7. Map with a title not in English
8. Map with a title not in English with optional translation
9. Map in two equal languages
10. Map in multiple languages
11. Map with location added after title

## 12. Map with constructed title

**Map Type (required)****General Rules for Map Type:**

- A map type alerts the user that the reference is not to a standard book but to a map
- Place the specific type of map, such as demographic map or topographical map, after the map title, in square brackets
- If the specific type is unknown, simply use the word map
- Follow the bracketed map type with a period unless the map is in a non-print medium (see Type of Medium)

**Specific Rules for Map Type:**

- Specific type of map included

**Examples for Map Type:**

## 13. Map with specific type indicated

**Type of Medium for Maps (required)****General Rules for Type of Medium:**

- Indicate the specific type of medium (microfiche, ultrafiche, microfilm, microcard, etc.) when a map is published in a microform
- Insert the name of the medium within the square brackets for the map type, preceded by the word on. For example: [map on microfiche].
- Add information about the medium according to the instructions in Physical Description below
- See Chapter 18 and Chapter 22 for maps in electronic formats

**Examples for Type of Medium:**

## 29. Map in a microform

**Edition for Maps (required)****General Rules for Edition:**

- Indicate the edition/version being cited when a map is published in more than one edition or version
- Abbreviate common words if desired (see Abbreviation rules for editions)
- Capitalize only the first word of the edition statement, proper nouns, and proper adjectives
- Express numbers representing editions in arabic ordinals. For example: second becomes 2nd and III becomes 3rd.
- End the edition statement with a period

**Specific Rules for Edition:**

- Abbreviation rules for editions
- Non-English words for editions
- First editions

## Examples for Edition:

14. Map with an edition

## Editor and other Secondary Authors for Maps (optional)

### General Rules for Editor and other Secondary Authors:

- A secondary author modifies the work of the author. Examples include editors and translators.
- Place the names of secondary authors after the map type and any edition statement
- Use the same rules for the format of names presented in Author (cartographer) above
- Follow the last named editor with a comma and the word editor or editors; the last named translator with a comma and the word translator or translators, etc.
- End secondary author information with a period
- If there is no author, move secondary authors such as editors and translators to the author position in the reference

### Specific Rules for Editor and other Secondary Authors:

- More than one type of secondary author
- Secondary author performing more than one role
- Non-English names for secondary authors
- Organization as editor

### Examples for Editor and other Secondary Authors:

15. Map with editor(s)

## Place of Publication for Maps (required)

### General Rules for Place of Publication:

- Place is defined as the city where the map was published
- Follow US and Canadian cities with the two-letter abbreviation for the state or province (see Appendix E) to avoid confusion when citing lesser known cities or when cities in different locations have the same name, such as Palm Springs (CA) and Palm Springs (FL)
- Follow cities in other countries with the name of the country, either written out or as the two-letter ISO country code (see Appendix D), when citing lesser known cities or when cities in different locations have the same name, such as London (ON) and London (England)
- Use the anglicized form for a non-US city, such as Vienna for Wein
- End place information with a colon and a space

### Specific Rules for Place of Publication:

- Non-US cities
- Joint publication
- Multiple places of publication
- No place of publication can be found

### Examples for Place of Publication:

16. Map with geographic qualifier added to place of publication

17. Map with place of publication inferred
18. Map with unknown place of publication

## **Publisher for Maps (required)**

### **General Rules for Publisher:**

- Record the name of the publisher as it appears in the map, using whatever capitalization and punctuation is found there
- Abbreviate well-known publisher names with caution to avoid confusion. For example, "John Wiley & Sons, Ltd." may become simply "Wiley".
- When a division or other subsidiary part of a publisher appears in the publication, enter the publisher name first. For example: Louisiana State University, Department of Geography and Anthropology.
- End publisher information with a semicolon and a space

### **Specific Rules for Publisher:**

- Abbreviated words in publisher names
- Non-English names for publishers
- Government agencies and other national and international bodies as publisher
- Joint publication
- Multiple publishers
- No publisher can be found

### **Examples for Publisher:**

19. Map with subsidiary division of the publisher
20. Map published by governmental or other national/international organization
21. Map with joint or co-publisher
22. Map with unknown publisher

## **Date of Publication for Maps (required)**

### **General Rules for Date of Publication:**

- Always give the year of publication
- Convert roman numerals to arabic numbers. For example: MM to 2000.
- Include the month of publication, if desired, after the year, such as 2004 May
- Use English names for months and abbreviate them to the first three letters, such as Jan
- End date information with a period

### **Specific Rules for Date of Publication:**

- Multiple years of publication
- Non-English names for months
- Date of publication and date of copyright
- No date of publication, but a date of copyright
- No date of publication or copyright can be found

- Options for date of publication

### Examples for Date of Publication:

23. Map with month included in date of publication
24. Map with date of copyright instead of publication
25. Map with date of publication estimated
26. Map with unknown date of publication

## Pagination for Maps (optional)

### General Rules for Pagination:

- Provide the total number of sheets on which the map appears
- Follow the sheet total with a space and the word sheet or sheets
- End pagination information with a colon and a space, unless no Physical Description is provided, then use a period

### Specific Rules for Pagination:

- More than one map on a sheet or more than one sheet per map

### Examples for Pagination:

27. Map pagination and physical description

## Physical Description for Maps (optional)

### General Rules for Physical Description:

- Begin with the scale of the map, followed by a semicolon and a space. For example: 1:250,000;
- Enter the size of the map in centimeters, followed by a semicolon and a space. For example: 80 x 44 cm.;
- Indicate if the map is in color or black & white
- End the map description with a period
- Give information on the physical characteristics if a map is published in a microform (microfilm, microfiche, etc.). For example: 1 microfiche: black & white, negative, 2 x 4 in.

### Specific Rules for Physical Description:

- Language for describing map characteristics
- Language for describing microform characteristics

### Examples for Physical Description:

27. Map pagination and physical description
28. Map physical description showing projection
29. Map in a microform



## Series for Maps (optional)

### General Rules for Series:

- Begin with the name of the series
- Capitalize only the first word and proper nouns
- Follow the name with any numbers provided. For example, vol. 3 for a volume or no. 12 for an issue number.
- Separate the title and the number by a semicolon and a space
- Place series information in parentheses
- End series information with a period, placed outside the closing parenthesis

### Examples for Series:

30. Map in a series

## Language for Maps (required)

### General Rules for Language:

- Give the language of publication if other than English
- Capitalize the language name
- Follow the language name with a period

### Specific Rules for Language:

- Maps appearing in more than one language

### Examples for Language:

7. Map with a title not in English
8. Map with a title not in English with optional translation
9. Map in two equal languages
10. Map in multiple languages

## Notes for Maps (optional)

### General Rules for Notes:

- Notes is a collective term for any type of useful information given after the citation itself
- Complete sentences are not required
- Be brief

### Specific Rules for Notes:

- Map accompanied by written or other material
- Other types of material to include in notes

### Examples for Notes:

31. Map with note

## Examples of Citations to Maps

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### 1. Standard citation to a map

Buchholz D, cartographer. Street map, San Diego, southern area [map]. Oceanside (CA): Global Graphics; 2000. 1 sheet: 1:45,000; 89 x 68.5 cm.; color.

Davies DH, Wheeler RG, cartographers. Zimbabwe population distribution, August 1982 [map]. Causeway (Zimbabwe): Zimbabwe Surveyor-General; 1985. 1 sheet: 1:1,000,000; 78 x 88 cm.; color.

### 2. Map with designation of family rank for the author (cartographer)

Giese GL, **Mason RR Jr**, cartographers. Low-flow characteristics of streams in North Carolina [map]. Raleigh (NC): Geological Survey (US); 1991. 2 sheets: 1:2,125,000; 73 x 106 cm.; color.

### 3. Map with an organization as author (cartographer)

**Aces Products, cartographer.** Navajo Nation, U.S.A., P.H.S., Indian Health Service [Southwestern United States] [map]. Window Rock (AZ): Indian Health Service (US), Navajo Area; [date unknown]. 1 sheet: 1:1,600,000; 26 x 31 cm.; color.

**Rwanda, Ministere de la Sante, cartographer.** Rwanda health facilities [map]. Kigali (Rwanda): MINISANTE; 2000. 1 sheet: 60 x 92 cm.; color.

### 4. Map with no author (cartographer) provided

Sample PSUs for the health interview survey (HIS), 1980 redesign [United States] [map]. Washington: Bureau of the Census (US), Geography Division; 1986. 1 sheet: 1:5,000,000; 66 x 97 cm.; color.

Pink bollworm quarantine [Southwestern United States] [map]. Washington: Department of Agriculture (US), Animal and Plant Health Inspection Service; 1997. 1 sheet: 18 x 27 cm.; color.

### 5. Map showing author (cartographer) affiliation

Davies DH (**Department of Geography, University of Zimbabwe, Harare, Zimbabwe**), Wheeler RG, cartographers. Zimbabwe population distribution, August 1982 [map]. Causeway (Zimbabwe): Zimbabwe Surveyor-General; 1985. 1 sheet: 1:1,000,000; 78 x 88 cm.; color.

### 6. Map with subtitle

American Nuclear Society, cartographer. Commercial nuclear power stations around the world: **operable, under construction or ordered, September 1991** [map]. La Grange Park (IL): Nuclear News; 1991. 7 maps on 1 sheet: 59 x 136 cm.; black & white.

### 7. Map with a title not in English

**Plano de los transportes publicos del area de salud 1 sur-este de Madrid** [map]. Madrid: Comunidad de Madrid, Consejeria de Sanidad, Direccion General Planificacion Sanitaria; 2000. 2 maps on 1 sheet: 38 x 65 cm.; color. **Spanish.**

**Beijing Shi ji ben yi liao bao xian ding dian yi liao ji gou ding dian ling shou yao dian zhi nan tu** [map]. Beijing: Zhongguo di tu chu ban she; 2003. 2 maps on 1 sheet: 52 x 76 cm. and 38 x 38 cm.; color. **Chinese.**

**Vodacka mapa CSFR** [Czechoslovak Federal Republic] [map]. Prague: Kartografie Praha; 1991. 1 map on 2 sheets: 1:500,000; 79 x 157 cm.; color. **Czech.**

## 8. Map with a title not in English with optional translation

Plano de los transportes publicos del area de salud 1 sur-este de Madrid [Public transportation plan of the first southeastern health area of Madrid] [map]. Madrid: Comunidad de Madrid, Consejeria de Sanidad, Direccion General Planificacion Sanitaria; 2000. 2 maps on 1 sheet: 38 x 65 cm.; color. Spanish.

Beijing Shi ji ben yi liao bao xian ding dian yi liao ji gou ding dian ling shou yao dian zhi nan tu [Local medical facilities and retail pharmacies in Beijing covered by basic medical insurance] [map]. Beijing: Zhongguo di tu chu ban she; 2003. 2 maps on 1 sheet: 52 x 76 cm. and 38 x 38 cm.; color. Chinese.

Vodacka mapa CSFR [Map of water sites of the Czechoslovak Federal Republic] [map]. Prague: Kartografie Praha; 1991. 2 sheets: 1:500,000; 79 x 157 cm.; color. Czech.

## 9. Map in two equal languages

Schwerdt Graphic Arts Ltd., cartographer. Carte de Montreal: communaute urbaine de Montreal = Montreal city plan: urban community [map]. Whitby (ON): Peter Heiler Ltd.; 1990. 1 sheet: 1:25,000; 110 x 199 cm.; color. French, English.

## 10. Map in multiple languages

Brugger EM, cartographer. Asien [map]. Frankfurt (Germany): Kartographischer Verlag Reinhard Ryborsch; 1992. 1 sheet: 1 cm. = 80 km.; 97 x 135 cm.; color. German, English, French.

## 11. Map with location added after title

District population per health facility [Kabul] [map]. Kabul (Afghanistan): United Nations, Afghanistan Information Management Service; 2004. 1 sheet: 61 x 84 cm.; color.

Pink bollworm quarantine [Southwestern United States] [map]. Washington: Department of Agriculture (US), Animal and Plant Health Inspection Service; 1997. 1 sheet: 18 x 27 cm.; color.

100

Distribution of helminthiasis [World] [map]. New York: American Geographical Society; c1952. 15 maps on 1 sheet: 38 x 67 cm.; color.

## 12. Map with constructed title

[World] [demographic map]. Washington: Bureau of the Census (US), Center for International Research; 1994. 8 maps on 4 sheets: 1:90,000,000; 20 x 39 cm.; color.

## 13. Map with specific type indicated

Meuschke JL, Moxham RM, cartographers. Airborne radioactivity survey of the Tabernacle Buttes area, Sublette and Fremont Counties, Wyoming [remote-sensing map]. Washington: Geological Survey (US); 1953. 1 sheet: 1:63,360; 36 x 53 cm.

Maiden quadrangle, North Carolina, 1993 [topographic map]. Reston (VA): Geological Survey (US); 1996. 1 sheet: 1:24,000; Lambert conformal conic proj.; 68 x 56 cm.; color.

One or more races including Asian [United States] [demographic map]. Washington: Census Bureau (US), Population Division; 2001. 1 sheet: 1:20,000,000; 14 x 24 cm.; color.

2000 population distribution in the United States [dot distribution map]. Washington: Census Bureau (US), Geography Division; 2001. 1 sheet: 55 x 66 cm.; black & white.

## 14. Map with an edition

Richmond Virginia: includes downtown enlargement, indexed streets, place names, shopping centers, schools, airports, hospitals, places of worship, parks & recreation, and much more [map]. **2nd ed.** Alexandria (VA): ADC of Alexandria; c1994. 1 sheet: 1:36,000; 66 x 97 cm.; color.

Veterans Health Services and Research Administration [United States] [map]. **Rev. ed.** Washington: Department of Veterans Affairs (US); 1991. 1 sheet: 28 x 43 cm.; color.

## 15. Map with editor(s)

Wood M, Keates JS, cartographers. Scotland, population distribution on the night of 23 April, 1961 [map]. **Caird JB, Diamond DR, editors.** Glasgow: William Collins & Sons Col.; 1965. 1 sheet: 1:500,000; 91 x 72 cm.; color.

## 16. Map with geographic qualifier added to place of publication

Hagstrom map of Ulster County, New York: fully street-indexed, U.S., state, interstate highways, Catskill Park, golf courses and country clubs, schools, hospitals, points of interest, zip codes, rr routes [map]. Maspeth **(NY)**: Hagstrom Map Co.; c1997. 1 sheet: 1:42,000; 143 x 133 cm.; color.

## 17. Map with place of publication inferred

Percentage of persons not covered by health insurance compared with the national average, by state: 1992 [United States] [map]. **[Washington]**: Census Bureau (US): [1993?]. 1 sheet: 22 x 28 cm.; color.

## 18. Map with unknown place of publication

Dent BD, cartographer. Arkansas population distribution, with shaded relief features of the physical landscape [map]. **[place unknown]**: B.D. Dent; c1984. 1 sheet: 1:1,000,000; 50 x 57 cm.; color.

## 19. Map with subsidiary division of the publisher

Ghana, maternal malnutrition by region: percent mothers with children under 3 years who are malnourished [map]. Legon (Ghana): **University of Ghana, Centre for Social Policy Studies**; 1998. 1 sheet: 59 x 41 cm.; color.

District population per health facility [Kabul] [map]. Kabul (Afghanistan): **United Nations, Afghanistan Information Management Service**; 2004. 1 sheet: 61 x 84 cm.; color.

## 20. Map published by governmental or other national/international organization

U.S. Navy and Marine Corps guide to Native American groups [United States] [map]. Washington: **Navy Department (US), Office of the Assistant Secretary**; 1996. 2 sheets: 1:4,500,000; 92 x 62 cm.; color.

Thorson TD, cartographer. Ecoregions of Oregon [map]. Reston (VA): **Geological Survey (US), National Health and Environmental Effects Research Laboratory, Western Ecology Division**; 2004. 1 sheet: 33 x 44 cm.; color.

## 21. Map with joint or co-publisher

1985 national shellfish register of classified estuarine waters: regional maps of shellfish growing waters [United States] [map]. Washington: National Oceanic and Atmospheric Administration (US); 1985. 4 sheets: 1:2,500,000; 76 x 76 cm.; color. **Co-published by the US Food and Drug Administration.**

## 22. Map with unknown publisher

Mathewson KM, cartographer. Recent unexplained mass mortality of marine fauna: a look at ocean nuclear waste dumps as possible sources of stress [Northeast Atlantic Ocean] [map]. New York: [publisher unknown]; 2004. 1 sheet: 117 x 105 cm.; color.

## 23. Map with month included in date of publication

Adolescent fertility rates, ages 15 to 19, 1994 [World] [map]. Washington: Bureau of the Census (US), Center for International Research; 1994 Feb. 1 sheet: 1:90,000,000; 20 x 39 cm.; color.

## 24. Map with date of copyright instead of publication

Cincinnati and vicinity [map]. Lake Monroe (FL): Universal Map; c2002. 1 sheet: 2 1/4 in. = 1 mi.; 123 x 183 cm.; color.

## 25. Map with date of publication estimated

Percentage of persons not covered by health insurance compared with the national average, by state: 1992 [United States] [map]. [Washington]: Census Bureau (US); [1993?]. 1 sheet: 22 x 28 cm.; color.

## 26. Map with unknown date of publication

Aces Products, cartographer. Navajo Nation, U.S.A., P.H.S., Indian Health Service [Southwestern United States] [map]. Window Rock (AZ): Indian Health Service (US), Navajo Area; [date unknown]. 1 sheet: 1:1,600,000; 26 x 31 cm.; color.

## 27. Map pagination and physical description

Mathes MV, Waldron MC, cartographers. Distribution of fluoride in ground water of West Virginia [map]. Charleston (WV): Geological Survey (US); 1993. 1 sheet: 1:2,125,000; 32 x 36 cm.; black & white.

Veterans Health Services and Research Administration [United States] [map]. Rev. ed. Washington: Department of Veterans Affairs (US); 1991. 1 sheet: 28 x 43 cm.; color.

U.S. Navy and Marine Corps guide to Native American groups [United States] [map]. Washington: Navy Department (US), Office of the Assistant Secretary; 1996. 2 sheets: 1:4,500,000; 92 x 62 cm.; color.

Meyers KR, Lee B, Lee MF, cartographers. Respiratory cancer death rates, 1950-1979 [Louisiana] [map]. Baton Rouge (LA): Louisiana State University, Department of Geography and Anthropology; 1984. 2 maps on 1 sheet: 1:2,500,000; 17 x 20 cm.; black & white.

## 28. Map physical description showing projection

Maiden quadrangle, North Carolina, 1993 [topographic map]. Reston (VA): Geological Survey (US); 1996. 1 sheet: 1:24,000; Lambert conformal conic proj.; 68 x 56 cm.; color.

Natural hazards of North America [map]. Washington: National Geographic Society (US); c1998. 8 maps on 1 sheet: 1:15,600,000; Azimuthal equidistant proj.; 26 x 20 cm. and 60 x 50 cm.; color.

Millennium in maps. Population [World] [map]. Washington: National Geographic Society (US); 1998. 1 sheet: 1:54,109,440; Winkel tripel proj.; 46 x 74 cm.; color.

## 29. Map in a microform

Hutson SS, cartographer. Ground-water use by public supply systems in Tennessee in 1988 [map on microfiche]. Nashville (TN): Geological Survey (US); 1991. 1 sheet: 1:1,490,000; 18 x 59 cm.; color. 1 microfiche: color, positive, 4 x 6 in.

## 30. Map in a series

Loiselle MC, Horn MA, Medalie L, cartographers. Estimated withdrawals and use of freshwater in Maine, 1990 [map]. Reston (VA): Geological Survey (US); 1995. 10 maps on 1 sheet: 23 x 17 cm. and 10 x 7 cm.; color. (Water-resources investigations report; 93-4098).

## 31. Map with note

Cincinnati and vicinity [map]. Lake Monroe (FL): Universal Map; c2002. 1 sheet: 2 1/4 in. = 1 mi.; 123 x 183 cm.; color. Accompanied by: 1 booklet.

The world's most populous cities [map]. Asheville (NC): Poster Education; c1997. 1 sheet: 40 x 91 cm.; color. Accompanied by: World's most populous cities, lesson plan, 16 p.

Veterans Health Services and Research Administration [United States] [map]. Rev. ed. Washington: Department of Veterans Affairs (US); 1991. 1 sheet: 28 x 43 cm.; color. Shows VA regional offices, medical centers, and outpatient clinics.

AIDS and HIV in Latin America and the Caribbean [map]. Washington: Central Intelligence Agency (US); 1993. 2 maps on 1 sheet: 40 x 75 cm.; color. Information taken from reports to World Health Organization, Pan American Health Organization, USAID, and from official estimates in various countries.

Mathes MV, Waldron MC, cartographers. Distribution of fluoride in ground water of West Virginia [map]. Charleston (WV): Geological Survey (US); 1993. 1 sheet: 1:2,125,000; 32 x 36 cm.; black & white. Prepared in cooperation with the West Virginia Geological and Economic Survey.

Thorson TD, cartographer. Ecoregions of Oregon [map]. Reston (VA): Geological Survey (US), National Health and Environmental Effects Research Laboratory, Western Ecology Division; 2004. 1 sheet: 33 x 44 cm.; color. Available from: US Government Printing Office, Washington, DC; I 19.79:EC 7/OR/2004.

Brugger EM, cartographer. Asien [map]. Frankfurt (Germany): Kartographischer Verlag Reinhard Ryborsch; 1992. 1 sheet: 1 cm. = 80 km.; 97 x 135 cm.; color. German, English, French. Located at: Ohio State University Library, Columbus, Ohio; G7400 1992 .K3.

## Box 1: Surnames with hyphens and other punctuation in them:

- Keep hyphens in surnames

Estelle Palmer-Canton *becomes* Palmer-Canton E

Ahmed El-Assmy *becomes* El-Assmy A

- Keep particles, such as O', D', and L'

Alan D. O'Brien *becomes* O'Brien AD

James O. L'Esperance *becomes* L'Esperance JO

U. S'adeh *becomes* S'adeh U

- Omit all other punctuation in surnames

Charles A. St. *becomes* St James CA

[Return to 9. Maps / Author \(cartographer\)](#)

## Box 2: Other surname rules:

- Keep prefixes in surnames

Lama Al Bassit *becomes* Al Bassit L

Jiddeke M. van de *becomes* van de Kamp JM

Gerard de Pouvoirville *becomes* de Pouvoirville G

- Keep compound surnames even if no hyphen appears

Sergio Lopez Moreno *becomes* Lopez Moreno S

Jaime Mier y Teran *becomes* Mier y Teran J

Virginie Halley des Fontaines *becomes* Halley des Fontaines V

[If you cannot determine from the map whether a surname is compound or a combination of a middle name and a surname, look to any booklet or other material accompanying the map for clarification. For example, Elizabeth Scott Parker may be interpreted to be Parker ES or Scott Parker E.]

- Ignore diacritics, accents, and special characters in names. This rule ignores some conventions used in non-English languages to simplify rules for English-language publications.

- Treat a letter marked with diacritics or accents as if it were not marked

Å *treated as* A

Ø *treated as* O

Ç *treated as* C

Ł *treated as* L

à *treated as* a

ĝ *treated as* g

ñ *treated as* n

ü *treated as* u

- Treat two or more letters printed as a unit (ligated letters) as if they were two letters

æ *treated as* ae

œ *treated as* oe

Return to 9. Maps / Author (cartographer)



### Box 3: Given names containing punctuation, a prefix, a preposition, or particle:

- Disregard hyphens joining given (first or middle) names

Jean-Louis Lagrot *becomes* Lagrot JL

- Use only the first letter of given names and middle names when they contain a prefix, a preposition, or other particle

D'Arcy Hart *becomes* Hart D

W. St. John Patterson *becomes* Patterson WS

De la Broquerie Fortier *becomes* Fortier D

Craig McC. Brooks *becomes* Brooks CM

- Disregard traditional abbreviations of given names. Some non-US publications use abbreviations of conventional given names rather than single initials, such as St. for Stefan. Use only the first letter of the abbreviation.

Ch. Wunderly *becomes* Wunderly C

C. Fr. Erdman *becomes* Erdman CF

- For non-English names that have been romanized (written in the roman alphabet), capitalize only the first letter when the original initial is represented by more than one letter

Iu. A. Iakontov *becomes* Iakontov IuA

G. Th. Tsakalos *becomes* Tsakalos GTh

[Return to 9. Maps / Author \(cartographer\)](#)

### Box 4: Degrees, titles, and honors before or after a personal name:

- Omit degrees, titles, and honors that follow a personal name, such as M.D.

James A. Reed, M.D., F.R.C.S. *becomes* Reed JA

Kristine Schmidt, Ph.D. *becomes* Schmidt K

Robert V. Lang, Major, US Army *becomes* Lang RV

- Omit rank and honors that precede a name, such as Colonel or Sir

Sir Frances Hildebrand *becomes* Hildebrand F

Dr. Jane Eberhard *becomes* Eberhard J

Captain R.C. Williams *becomes* Williams RC

[Return to 9. Maps / Author \(cartographer\)](#)

## Box 5: Designations of rank in a family, such as Jr and III:

- Place family designations of rank after the initials, without punctuation
- Convert roman numerals to arabic ordinals

*Examples:*

Vincent T. DeVita, Jr. *becomes* DeVita VT Jr

James G. Jones II *becomes* Jones JG 2nd

John A. Adams III *becomes* Adams JA 3rd

Henry B. Cooper IV *becomes* Cooper HB 4th

Return to 9. Maps / Author (cartographer)

## Box 6: Names in non-roman alphabets (Cyrillic, Greek, Arabic, Hebrew) or character-based languages (Chinese, Japanese, Korean):

Romanization, a form of transliteration, means using the roman (Latin) alphabet to represent the letters or characters of another alphabet. A good authority for romanization is the *ALA-LC Romanization Tables* [<http://www.loc.gov/catdir/cpsd/roman.html>].

- Romanize names in Cyrillic (Russian, Bulgarian, etc.), Greek, Arabic, Hebrew, or character-based languages, such as Chinese and Japanese
- Capitalize only the first letter of romanized names when the original initial is represented by more than one letter

Iu. A. Iakontov *becomes* Iakontov IuA

G. Th. Tsakalos *becomes* Tsakalos GTh

- Ignore diacritics, accents, and special characters in names. This rule ignores some conventions used in non-English languages to simplify rules for English-language publications.

- Treat a letter marked with diacritics or accents as if it were not marked

Ä *treated as* A

Ø *treated as* O

Ç *treated as* C

Ł *treated as* L

à *treated as* a

ô *treated as* o

ñ *treated as* n

ü *treated as* u

- Treat two or more letters printed as a unit (ligated letters) as if they were two letters

æ *treated as* ae

œ *treated as* oe

Return to 9. Maps / Author (cartographer)

## Box 7: Organizations as author:

An organization such as a university, society, association, corporation, or governmental body may serve as an author.

- Omit "The" preceding an organizational name

The American Cancer Society *becomes* American Cancer Society

- If a division or other part of an organization is included in the publication, give the parts of the name in descending hierarchical order, separated by commas

University of Zimbabwe, Department of Geography

United Nations, Afghanistan Information Management Service

- When citing organizations that are national bodies such as government agencies, if a nationality is not part of the name, place the country in parentheses after the name, using the two-letter ISO country code (see Appendix D)

National Geographic Society (US)

Royal Geographical Society (GB)

Department of Agriculture (US), Animal and Plant Health Inspection Service

- Separate two or more different organizations by a semicolon

Photo Mosaic Aero Service Corporation; Geological Survey (US); Atomic Energy Commission (US)

American Academy of Pediatrics, Committee on Pediatric Emergency Medicine; American College of Emergency Physicians, Pediatric Committee

- If both individuals and an organization or organizations appear on a map as cartographers, use the names of the individuals as the author: give the organization(s) at the end of the reference as a note, if desired

Meuschke JL, Moxham RM, cartographers. Airborne radioactivity survey of the Tabernacle Buttes area, Sublette and Fremont Counties, Wyoming [remote-sensing map]. Washington: Geological Survey (US); 1953. 1 sheet: 1:63,360; 36 x 53 cm. Compiled by staff of the Photo Mosaic Aero Service Corporation, the US Atomic Energy Commission, and the US Geological Survey.

- For names of organizations in languages other than English:

- Give names in languages using the roman alphabet (primarily European languages, such as French, Italian, Spanish, German, Swedish, etc.) as they appear in the publication. Whenever possible follow a non-English name with a translation. Place all translations in square brackets.

Istituto di Fisiologia Clinica del CNR

Universitätsmedizin Berlin

Geografiska Sällskapet i Finland [Geographical Society of Finland]

- Romanize (write in the roman alphabet) or translate names of organizations in Cyrillic, Greek, Arabic, or Hebrew. A good authority for romanization is the *ALA-LC Romanization Tables* [<http://www.loc.gov/catdir/cpsd/roman.html>]. Whenever possible follow a non-English name with a translation. Place all translations in square brackets.

Rossiiskoe Respiratornoe Obshchestvo [Russian Respiratory Society]

- Translate names of organizations in character-based languages such as Chinese, Japanese, and Korean. Place all translations in square brackets.

[Japanese Society for Geographical Sciences]

- Ignore diacritics, accents, and special characters in names. This rule ignores some conventions used in non-English languages to simplify rules for English-language publications.

- Treat a letter marked with diacritics or accents as if it were not marked

Å *treated as* A

Ø *treated as* O

Ç *treated as* C

Ł *treated as* L

à *treated as* a

ĝ *treated as* g

ñ *treated as* n

ü *treated as* u

- o Treat two or more letters printed as a unit (ligated letters) as if they were two letters

æ *treated as* ae

œ *treated as* oe

Return to 9. Maps / Author (cartographer)

## Box 8: No author can be found:

- If no person or organization can be found as the cartographer but editors or translators are present, begin the reference with the names of the editors or translators. Follow the same rules as used for author names, but end the list of names with a comma and the specific role, that is, editor or translator.

Morrison CP, Court FG, editors.

Walser E, translator.

- If no person or organization can be identified as the cartographer and no editors or translators are given, begin the reference with the title of the map. Do not use anonymous.

Maiden quadrangle, North Carolina, 1993 [topographic map]. Reston (VA): Geological Survey (US); 1996. 1 sheet: 1:24,000; Lambert conformal conic proj.; 68 x 56 cm.; color.

Return to 9. Maps / Author (cartographer)

## Box 9: Options for author names:

The following format is not NLM practice for citing authors, but is an acceptable option:

- Full first names of authors may be given. Separate the surname from the given name or initials by a comma; follow initials with a period; separate successive names by a semicolon and a space.

Meyers, Keith R.; Lee, Barry; Lee, Michael F., cartographers. Respiratory cancer death rates, 1950-1979 [Louisiana] [map]. Baton Rouge (LA): Louisiana State University, Department of Geography and Anthropology; 1984. 2 maps on 1 sheet: 1:2,500,000; 17 x 20 cm.; black & white.

Return to 9. Maps / Author (cartographer)

## Box 10: Abbreviations in affiliations:

- Abbreviate commonly used words in affiliations, if desired. Follow all abbreviated words with a period.

*Examples:*

Acad. for Academy  
Assoc. for Association  
Co. for Company  
Coll. for College  
Corp. for Corporation  
Dept. for Department  
Div. for Division  
Inst. for Institute or Institution  
Soc. for Society  
Univ. for University

See Appendix C for more abbreviations of commonly used English words.

- Abbreviate names of US states and Canadian provinces using their official two-letter abbreviations. See Appendix E for a list of these.
- Abbreviate names of countries outside of the US and Canada using the two-letter ISO country code, if desired. See Appendix D for codes of selected countries.
- Be consistent. If you abbreviate a word in one reference in a list of references, abbreviate the same word in all references.

Return to 9. Maps / Author Affiliation

## Box 11: Organizational names for affiliations not in English:

Give the affiliation of all cartographers or only the first cartographer.

- Begin with the department and name of the organization, followed by the city, the two-letter abbreviation for the US state or Canadian province (see Appendix E), and the country name or two-letter ISO country code (see Appendix D) if non-US. Place the affiliation in parentheses.
- Provide the name in the original language for non-English organizational names found in the roman alphabet (primarily European languages, such as French, German, Spanish, Italian, Swedish, etc.)

Carpentier AF (Service de Neurologie, Hopital de la Salpetriere, Paris, France), Moreno Perez D (Unidad de Infectologia e Inmunodeficiencias, Departamento de Pediatria, Hospital Materno-Infantil Carlos Haya, Malaga, Spain), cartographers.

- Romanize (write in the roman alphabet) or translate organizational names in Cyrillic, Greek, Arabic, or Hebrew. A good authority for romanization is the *ALA-LC Romanization Tables* [<http://www.loc.gov/catdir/cpsol/roman.html>].

Barbulescu M (Clinica Chirurgicala, Spitalul Clinic Coltea, Bucuresti), Burcos T, Ungureanu CD, Zodieru-Popa I, cartographers.  
Grudinina NA (Institute of Experimental Medicine, Russian Academy of Medical Sciences, St. Petersburg, Russia), Golubkov VI, Tikhomirova OS, Brezhneva TV, cartographers.

- Translate organizational names in character-based languages (Chinese, Japanese, Korean)

Susaki K (First Department of Internal Medicine, Faculty of Medicine, Kagawa University, Takamatsu, Japan), Bandoh S, Fujita J, cartographers.

- Ignore diacritics, accents, and special characters in names. This rule ignores some conventions used in non-English languages to simplify rules for English-language publications.

- Treat a letter marked with diacritics or accents as if it were not marked

Å *treated as* A

Ø *treated as* O

Ç *treated as* C

Ł *treated as* L

à *treated as* a

ĝ *treated as* g

ñ *treated as* n

ü *treated as* u

- Treat two or more letters printed as a unit (ligated letters) as if they were two letters

æ *treated as* ae

œ *treated as* oe

- Use the English form of names for cities and countries whenever possible. For example, Vienna for Wien and Spain for Espana. However, the name found on the publication may always be used.

Return to 9. Maps / Author Affiliation

## Box 12: Names for cities and countries not in English:

- Use the English form for names of cities and countries whenever possible. However, the name as found on the publication may always be used.

Moskva *becomes* Moscow

Wien *becomes* Vienna

Italia *becomes* Italy

Espana *becomes* Spain

[Return to 9. Maps / Author Affiliation](#)

## Box 13: E-mail address included:

- Follow the US state, Canadian province, or country of the author with a period and a space
- Insert the e-mail address as it appears on the map
- Do not end an e-mail address with a period
- Place the e-mail address within the closing parenthesis for the author affiliation

*Example:*

Leitner M (Department of Geography and Anthropology, Louisiana State University, Baton Rouge, LA. leitner@lsu.edu), cartographer.

[Return to 9. Maps / Author Affiliation](#)

## Box 14: Area of map not indicated in the title:

- If the title of the map does not tell the user the geographic area covered by the map, place the name for the area after the title, placed in square brackets.

*Examples:*

Respiratory cancer death rates, 1950-1979 [Louisiana] [map].

Adolescent fertility rates, ages 15 to 19, 1994 [World] [map].

District population per health facility [Kabul] [map].

Pink bollworm quarantine [Southwestern United States] [map].

[Return to 9. Maps / Title](#)

## Box 15: Titles not in English:

- Provide the title in the original language for non-English titles found in the roman alphabet (primarily European languages, such as French, German, Spanish, Italian, Swedish, etc.)

Plano de los transportes publicos del area de salud 1 sur-este de Madrid [map]. Madrid: Comunidad de Madrid, Consejeria de Sanidad, Direccion General Planificacion Sanitaria; 2000. 2 maps on 1 sheet: 38 x 65 cm.; color. Spanish.

- Romanize (write in the roman alphabet) titles if they are in Cyrillic, Greek, Arabic, or Hebrew. A good authority for romanization is the *ALA-LC Romanization Tables* [<http://www.loc.gov/catdir/cpsd/roman.html>].

Vodacka mapa CSFR [map]. Prague: Kartografie Praha; 1991. 1 map on 2 sheets: 1:500,000; 79 x 157 cm.; color. Czech.

- Romanize or translate titles in character-based languages (Chinese, Japanese, Korean). Place translated titles in square brackets.

Beijing Shi ji ben yi liao bao xian ding dian yi liao ji gou ding dian ling shou yao dian zhi nan tu [map]. Beijing: Zhongguo di tu chu ban she; 2003. 2 maps on 1 sheet: 52 x 76 cm. and 38 x 38 cm.; color. Chinese.

or

[Local medical facilities and retail pharmacies in Beijing covered by basic medical insurance] [map]. Beijing: Zhongguo di tu chu ban she; 2003. 2 maps on 1 sheet: 52 x 76 cm. and 38 x 38 cm.; color. Chinese.

- Ignore diacritics, accents, and special characters in names. This rule ignores some conventions used in non-English languages to simplify rules for English-language publications.

- Treat a letter marked with diacritics or accents as if it were not marked

Å *treated as* A

Ø *treated as* O

Ç *treated as* C

Ł *treated as* L

à *treated as* a

ĝ *treated as* g

ñ *treated as* n

ü *treated as* u

- Treat two or more letters printed as a unit (ligated letters) as if they were two letters

æ *treated as* ae

œ *treated as* oe

- Provide an English translation after the original language title whenever possible; place translations in square brackets

Plano de los transportes publicos del area de salud 1 sur-este de Madrid [Public transportation plan of the first southeastern health area of Madrid] [map]. Madrid: Comunidad de Madrid, Consejeria de Sanidad, Direccion General Planificacion Sanitaria; 2000. 2 maps on 1 sheet: 38 x 65 cm.; color. Spanish.

Beijing Shi ji ben yi liao bao xian ding dian yi liao ji gou ding dian ling shou yao dian zhi nan tu [Local medical facilities and retail pharmacies in Beijing covered by basic medical insurance] [map]. Beijing: [China Map Publishers]; 2003. 2 maps on 1 sheet: 52 x 76 cm. and 38 x 38 cm.; color. Chinese.

Vodacka mapa CSFR [Map of water sites of the Czechoslovak Federal Republic] [map]. Prague: Kartografie Praha; 1991. 1 map on 2 sheets: 1:500,000; 79 x 157 cm.; color. Czech.

Return to 9. Maps / Title



## Box 16: Titles in more than one language:

- If a map title is written in several languages, give the title in the first language found on the map and indicate all languages of publication after the pagination. Separate the languages by commas and end the list with a period.

Brugger EM, cartographer. Asien [map]. Frankfurt (Germany): Kartographischer Verlag Reinhard Ryborsch; 1992. 1 sheet: 1 cm. = 80 km.; 97 x 135 cm.; color. German, English, French.

- If a map title is presented in two or more equal languages, as often occurs in Canadian publications, give all titles in the order in which they are given in the text, and place an equals sign between them. Indicate the particular languages, separated by commas, after the pagination. End the list with a period.

Schwerdt Graphic Arts Ltd., cartographer. Carte de Montreal: communaut  urbaine de Montreal = Montreal city plan: urban community [map]. Whitby (ON): Peter Heiler Ltd.; 1990. 1 sheet: 1:25,000; 110 x 199 cm.; color. French, English.

[Return to 9. Maps / Title](#)

## Box 17: Titles containing a Greek letter, chemical formula, or another special character:

- Capitalize the first word of a map title unless the title begins with a Greek letter, chemical formula, or another special character that might lose its meaning if capitalized

1,3-dichloro-5,5-dimethylhydantoin occupational exposure levels in the Netherlands [map].

von Willebrand distribution [World] [map].

- If a title contains a Greek letter or some other symbol that cannot be reproduced with the type fonts available, substitute the name for the symbol. For example,  $\Omega$  becomes omega.

Trends in  $\gamma$ -linolenic acid production in the United States [map].

or

Trends in gamma-linolenic acid production in the United States [map].

- If a title contains superscripts or subscripts that cannot be reproduced with the type fonts available, place the superscript or subscript in parentheses

TiO<sub>2</sub> in waste water in Japan [map].

or

TiO(2) in waste water in Japan [map].

[Return to 9. Maps / Title](#)

## Box 18: No title can be found:

- If a map has no formal title, construct a title using the name of the area covered by the map as the title
- Place the area name in square brackets

*Example:*

[World] [demographic map]. Washington: Bureau of the Census (US), Center for International Research; 1994. 8 maps on 4 sheets: 1:90,000,000; 20 x 39 cm.; color.

[Return to 9. Maps / Title](#)

## Box 19: Specific type of map included:

- As an option, include the specific type of map cited, if known. Place the type in square brackets following the title.

### Examples:

Maiden quadrangle, North Carolina, 1993 [topographic map]. Reston (VA): Geological Survey (US); 1996. 1 sheet: 1:24,000; Lambert conformal conic proj.; 68 x 56 cm.; color.

Percent of population, 2000. One or more races including Asian [United States] [demographic map]. Washington: Census Bureau (US), Population Division; 2001. 1 sheet: 1:20,000,000; 14 x 24 cm.; color.

2000 population distribution in the United States [dot distribution map]. Washington: Census Bureau (US), Geography Division; 2001. 1 sheet: 55 x 66 cm.; black & white.

Meuschke JL, Moxham RM, cartographers. Airborne radioactivity survey of the Tabernacle Buttes area, Sublette and Fremont Counties, Wyoming [remote-sensing map]. Washington: Geological Survey (US); 1953. 1 sheet: 1:63,360; 36 x 53 cm.

- If the specific type is unknown, simply use the word map within the brackets

Return to 9. Maps / Map Type

## Box 20: Abbreviation rules for editions:

- Abbreviate common words found in edition statements, if desired:

Word	Abbreviation
edition	ed.
abbreviated	abbr.
abridged	abr.
American	Am.
augmented	augm.
authorized	authoriz.
English	Engl.
enlarged	enl.
expanded	expand.
illustrated	ill.
modified	mod.
original	orig.
reprint(ed)	repr.
revised	rev.
special	spec.
translation	transl.
translated	

For additional abbreviations, see ISO 832:1994 - *Rules for the abbreviation of bibliographic terms*.

- Follow abbreviated words with a period and end all edition information with a period

3rd rev. ed.

1st Engl. ed.

Return to 9. Maps / Edition

## Box 21: Non-English words for editions:

- For non-English edition statements written in the roman alphabet (French, German, Spanish, Italian, etc.):
  - Provide the name in the original language
  - Abbreviate common words used in edition statements if the language is a familiar one
  - Capitalize only the first word and proper nouns unless the particular language requires capitalization of other words
  - Ignore diacritics, accents, and special characters in words. This rule ignores some conventions used in non-English languages to simplify rules for English-language publications.
  - Treat letters marked with a diacritic or accent as if they are not marked

Ä treated as A

Ø treated as O

Ç treated as C

Ł treated as L

à treated as a

ô treated as o

ñ treated as n

ü treated as u

- Treat two or more letters printed as a unit (ligated letters) as if they are two letters

æ treated as ae

œ treated as oe

- Do not convert numbers or words for numbers to arabic ordinals as is the practice for English language publications. This assists those unfamiliar with a language and avoids awkward constructions.
- Separate the edition from the title proper by a space
- Retain the punctuation used in the edition statement
- Follow abbreviated words by a period and end the edition information with a period

*Examples:*

Ed. 1a.

5. ed. interamente riv. e aggiornata.

2. ed. veneta.

Nuova ed.

Seconda ed.

4a ed. rev. e ampliada.

2° ed. ampliada y actualizada.

- For an edition statement written in Cyrillic, Greek, Arabic, or Hebrew:
  - Romanize (write in the roman alphabet) the words for edition. A good authority for romanization is the *ALA-LC Romanization Tables* [<http://www.loc.gov/catdir/cpsd/roman.html>].
  - Abbreviate common words used in edition statements if the language is a familiar one
  - Capitalize only the first word and proper nouns unless the particular language requires capitalization of other words
  - Ignore diacritics, accents, and special characters in words. Treat letters marked with a diacritic or accent as if they are not marked. This rule ignores some conventions used in non-English languages to simplify rules for English-language publications.

*Example:* ċ or ç becomes c

- Do not convert numbers or words for numbers to arabic ordinals as is the practice for English language publications. This assists those unfamiliar with a language and avoids awkward constructions.
- Separate the edition from the title proper by a space
- Retain the punctuation used in the edition statement
- Follow abbreviated words by a period and end all edition information with a period

*Examples:*

Izd. 3., perer. i dop.

2. dopunjeno izd.

2. ekd. epeux.

3. ekd.

- For an edition statement written in a character-based language such as Chinese, Japanese, and Korean:
  - Transliterate or translate the words for edition
  - Do not abbreviate any of the words or omit any words
  - Use the capitalization system of the particular language
  - Ignore diacritics, accents, and special characters in words. Treat letters marked with a diacritic or accent as if they are not marked. This rule ignores some conventions used in non-English languages to simplify rules for English-language publications.

*Examples:*

ö becomes o

ü becomes u

- Do not convert numbers or words for numbers to arabic ordinals as is the practice for English language publications. This assists those unfamiliar with a language and avoids awkward constructions.
- Separate the edition from the title by a space
- Retain the punctuation used in the edition statement.
- End all edition information with a period

*Examples:*

Shohan.

Dai 1-han.

Dai 3-pan.

Di 3 ban.

Cai se ban, Xianggang di 1 ban.

Che 6-p`an.

- To help identify editions in other languages, below is a brief list of Non-English words for editions with their abbreviations, if any (n.a. = not abbreviated):

Language	Word for Edition	Abbreviation
Danish	oplag	n.a.
	udgave	
Dutch	uitgave	uitg.
	editie	ed.
Finnish	julkaisu	julk.
French	edition	ed.
German	Ausgabe	Ausg.
	Auflage	Aufl.
Greek	ekdosis	ekd.
Italian	edizione	ed.

Language	Word for Edition	Abbreviation
Norwegian	publikasjon	publ.
	utgave	utg.
Portuguese	edicao	ed.
Russian	izdanie	izd.
	publikacija	publ.
Spanish	edicion	ed.
	publicacion	publ.
Swedish	upplaga	n.a.

[Return to 9. Maps / Edition](#)

## Box 22: First editions

- If a map does not carry any statement of edition, assume it is the first or only edition
- Use 1st ed. only when you know that subsequent editions have been published and you wish to cite the earlier one

[Return to 9. Maps / Edition](#)

## Box 23: More than one type of secondary author:

A map may occasionally have several types of secondary author

- List all of them in the order they are given in the publication
- Separate each type of author and the accompanying role by a semicolon
- End secondary author information with a period

*Examples:*

Smith BC, editor; Carson HT, translator.

Graber AF, Longstreet RG, translators; Johnson CT, editor.

[Return to 9. Maps / Editor and other Secondary Authors](#)

## Box 24: Secondary author performing more than one role:

If the same secondary author performs more than one role:

- List all of them in the order they are given in the publication
- Separate the roles by "and"
- End secondary author information with a period

*Example:*

Jones AB, editor and translator.

[Return to 9. Maps / Editor and other Secondary Authors](#)

## Box 25: Non-English names for secondary authors:

- Translate the word found for editor, translator, or other secondary author into English if possible to assist the reader. However, the wording found on the publication may always be used.
- Ignore diacritics, accents, and special characters in words. This rule ignores some conventions used in non-English languages to simplify rules for English-language publications.

- Treat letters marked with diacritics or accents as if they are not marked

À *treated as* A

Ø *treated as* O

Ç *treated as* C

Ł *treated as* L

à *treated as* a

ğ *treated as* g

ñ *treated as* n

ü *treated as* u

- Treat two or more letters printed as a unit (ligated letters) as if they are two letters

æ *treated as* ae

œ *treated as* oe

- To assist in identifying secondary authors, below is a brief list of non-English words for them:

Language	Word for Editor	Word for Translator
French	redacteur editeur	traducteur
German	redakteur herausgeber	ubersetzer dolmetscher
Italian	redattore curatore editore	traduttore
Russian	redaktor izdatel	perevodchik
Spanish	redactor editor	traductor

[Return to 9. Maps / Editor and other Secondary Authors](#)

## Box 26: Organization as editor:

On rare occasions an organization will be listed as the editor.

- Follow the instructions for entering the organizational name found under Organizations as author
- Place a comma and the word editor after the organizational name

*Example:*

Advisory Committee on Existing Chemicals of Environmental Relevance, editor.

[Return to 9. Maps / Editor and other Secondary Authors](#)

## Box 27: Non-US cities:

- Use the anglicized form of a city name, such as Rome for Roma and Moscow for Moskva, whenever possible. However, the name as found on the publication may always be used.
- Ignore diacritics, accents, and special characters in words. This rule ignores some conventions used in non-English languages to simplify rules for English-language publications.

- Treat letters marked with diacritics or accents as if they are not marked

À *treated as* A

Ø *treated as* O

Ç *treated as* C

Ł *treated as* L

à *treated as* a

ġ *treated as* g

ñ *treated as* n

ü *treated as* u

- Treat two or more letters printed as a unit (ligated letters) as if they are two letters

æ *treated as* æ

œ *treated as* oe

- Follow Canadian cities with the two-letter abbreviation for the name of the province (see Appendix E), placed in parentheses:

Montreal (QC):

Ottawa (ON):

Vancouver (BC):

- If the city is not well known or could be confused with another city of the same name, follow the city with the country name, either written in full or as the two-letter ISO country code (see Appendix D). Place the country name or code in parentheses.

London:

Rome:

Paris:

Madrid:

*but*

Malaga (Spain): or Malaga (ES):

Basel (Switzerland): or Basel (CH):

Oxford (England): or Oxford (GB):

- As an option, use the country name or country code after all cities not in the US or Canada

Return to 9. Maps / Place of Publication

### Box 28: Joint publication:

- Two organizations may co-publish a map. Use the city of the first organization found on the map as the place of publication.
- Place the name of the second organization as a note at the end of the citation, if desired

1985 national shellfish register of classified estuarine waters: regional maps of shellfish growing waters [map]. Washington: National Oceanic and Atmospheric Administration (US); 1985. 4 sheets: 1:2,500,000; 76 x 76 cm.; color. Co-published by the US Food and Drug Administration.

- Do not give multiple places as place of publication or include multiple publishers

Return to 9. Maps / Place of Publication

### Box 29: Multiple places of publication:

- If more than one place of publication is found, use the first one or the one set in the largest type or in bold type. Do not give multiple places.
- As an option, if one place is a US city and the other(s) are not, use the US city

Return to 9. Maps / Place of Publication

### Box 30: No place of publication can be found:

- If no place of publication can be found on the map, but one can be found in a booklet or other publication accompanying the map or can be reasonably inferred (e.g., New York as the place for a publication of the American Geographical Society), place the city in square brackets, such as [New York]

Percentage of persons not covered by health insurance compared with the national average, by state: 1992 [United States] [map]. [Washington]: Census Bureau (US): [1993?]. 1 sheet: 22 x 28 cm.; color.

- If no place of publication can be found, use [place unknown]

Dent BD, cartographer. Arkansas population distribution, with shaded relief features of the physical landscape [map]. [place unknown]: B.D. Dent; c1984. 1 sheet: 1:1,000,000; 50 x 57 cm.; color.

Return to 9. Maps / Place of Publication



## Box 31: Abbreviated words in publisher names:

- Abbreviate commonly used words in publisher names, if desired

*Examples:*

Acad. for Academy  
Assoc. for Association  
Co. for Company  
Coll. for College  
Corp. for Corporation  
Dept. for Department  
Div. for Division  
Inst. for Institute or Institution  
Ltd. for Limited  
Soc. for Society  
Univ. for University

See Appendix C for more abbreviations of commonly used English words.

- Be consistent. If you abbreviate a word in one reference in a list of references, abbreviate the same word in all references.
- Follow all abbreviated words with a period

[Return to 9. Maps / Publisher](#)

## Box 32: Non-English names for publishers:

- Give publisher names appearing in the roman alphabet (French, Spanish, Italian, etc.) in their original language

Madrid: Comunidad de Madrid, Consejería de Sanidad, Dirección General Planificación Sanitaria; 2000.

- Romanize names given in Cyrillic, Greek, Arabic, Hebrew

Prague: Kartografie Praha; 1991.

- Romanize names or translate names presented in and character-based languages (Chinese, Japanese, Korean). Place all translated publisher names in square brackets unless the translation is given in the publication.

Beijing: Zhongguo di tu chu ban she; 2003.

[Note that the concept of capitalization does not exist in Chinese. Therefore in transliterating Chinese publisher names only the first word and proper nouns are capitalized.].

or

Beijing: [China Map Publishers]; 2003.

- Ignore diacritics, accents, and special characters in words. This rule ignores some conventions used in non-English languages to simplify rules for English-language publications.

- Treat letters marked with diacritics or accents as if they are not marked

À *treated as* A

Ø *treated as* O

Ç *treated as* C

Ł *treated as* L

à *treated as* a

ô *treated as* o

ñ *treated as* n

ü *treated as* u

- Treat two or more letters printed as a unit (ligated letters) as if they are two letters

æ *treated as* ae

œ *treated as* oe

- If desired, follow a non-English name with a translation. Place all translated publisher names in square brackets.

Aarhus (Denmark): Aarhus-Universitetsforlag [Aarhus University Press];

- If the name of a division or other part of an organization is included in the publisher information, give the names in hierarchical order from highest to lowest

Valencia (Spain): Universidade de Valencia, Instituto de Ciencia y Documentación López Pinero;

- As an option, translate all publisher names not in English. Place all translated publisher names in square brackets unless the translation has been given in the publication.

Aarhus (Denmark): [Aarhus University Press];

Return to 9. Maps / Publisher

### Box 33: Government agencies and other national and international bodies as publisher:

- When citing publishers that are national bodies such as government agencies, if a nationality is not part of the name, place the country in parentheses after the name, using the two-letter ISO country code (see Appendix D)
  - National Cancer Institute (US)
  - National Society on Alcoholism and Drug Dependence (NZ)
  - Royal Geographical Society (GB)
  - Royal College of Physicians (AU), Paediatrics & Child Health Division
- Do not confuse the publisher with the distributor who disseminates documents for the publisher. For example, the most common distributors of US government agency publications are the US Government Printing Office (GPO) and the National Technical Information Service (NTIS). Designate the agency that issued the map as the publisher and include distributor information as a note, preceded by "Available from:" .

Thorson TD, cartographer. Ecoregions of Oregon [map]. Reston (VA): Geological Survey (US), National Health and Environmental Effects Research Laboratory, Western Ecology Division; 2004. 1 sheet: 33 x 44 cm.; color. Available from: US Government Printing Office, Washington, DC; I 19.79:EC 7/OR/2004.

Return to 9. Maps / Publisher

### Box 34: Joint publication:

- Two organizations may co-publish a map. Use the first organization appearing on the map as the publisher.
- Place the name of the second organization as a note at the end of the citation, if desired
- Do not give more than one name as publisher

*Example:*

1985 national shellfish register of classified estuarine waters: regional maps of shellfish growing waters [map]. Washington: National Oceanic and Atmospheric Administration (US); 1985. 4 sheets: 1:2,500,000; 76 x 76 cm.; color. Co-published by the US Food and Drug Administration.

Return to 9. Maps / Publisher

### Box 35: Multiple publishers:

- If more than one publisher is found on a map, use the first one given or the one set in the largest type or bold type
- An alternative is to use the publisher likely to be most familiar to the audience of the reference list. For example, use an American publisher for a US audience and a London publisher for a British one.
- Do not list multiple publishers. For those maps with joint or co-publishers, use the name given first as the publisher and include the name of the second as a note if desired. For example, use "Jointly published by the Royal Geographical Society".
- End publisher information with a semicolon

*Example:*

1985 national shellfish register of classified estuarine waters: regional maps of shellfish growing waters [map]. Washington: National Oceanic and Atmospheric Administration (US); 1985. 4 sheets: 1:2,500,000; 76 x 76 cm.; color. Co-published by the US Food and Drug Administration.

Return to 9. Maps / Publisher

### Box 36: No publisher can be found:

- If no publisher can be found, use [publisher unknown].

Mathewson KM, cartographer. Recent unexplained mass mortality of marine fauna: a look at ocean nuclear waste dumps as possible sources of stress [Northeast Atlantic Ocean] [map]. New York: [publisher unknown]; 2004. 1 sheet: 117 x 105 cm.; color.

Return to 9. Maps / Publisher

### Box 37: Multiple years of publication:

- For multiple years of publication, separate the first and last year of publication by a hyphen. Do not shorten the second of the two years to the last two digits.

2002-2003

1997-1998

1999-2000

- If months are given, place them after the year. Use English names for months and abbreviate them using the first three letters.

1999 Oct-2000 Mar

2002 Dec-2003 Jan

- Separate multiple months of publication by a hyphen

2005 Jan-Feb

1999 Dec-2000 Jan

- Separate multiple seasons by a hyphen; for example, Fall-Winter. Do not abbreviate names of seasons.

Return to 9. Maps / Date of Publication

### Box 38: Non-English names for months:

- Translate names of months into English
- Abbreviate them using the first three letters
- Capitalize them

*Examples:*

mayo = May

luty = Feb

brezen = Mar

Return to 9. Maps / Date of Publication

### Box 39: Date of publication and date of copyright:

Some maps have both a date of publication and a date of copyright. A copyright date is identified by the symbol ©, the letter "c", or the word copyright preceding the date.

- Use only the date of publication unless three or more years separates the two dates
- In this situation, use both dates, beginning with the year of publication
- Precede the date of copyright by the letter "c"
- Separate the dates by a comma and a space. For example, "2002, c1997".

This convention alerts a user that the information in the publication is older than the date of publication implies.

Return to 9. Maps / Date of Publication

### Box 40: No date of publication, but a date of copyright:

- A copyright date is identified by the symbol ©, the letter "c", or the word copyright preceding the date. If no date of publication can be found, but the publication contains a date of copyright, use the date of copyright preceded by the letter "c"; for example c2005.

Cincinnati and vicinity [map]. Lake Monroe (FL): Universal Map; c2002. 1 sheet: 2 1/4 inch = 1 mile; 123 x 183 cm.; color.

Return to 9. Maps / Date of Publication

### Box 41: No date of publication or copyright can be found:

- If neither a date of publication nor a date of copyright can be found, but a date can be estimated because of material contained in the map itself or on accompanying material, place a question mark after the estimated date and place date information in square brackets

Percentage of persons not covered by health insurance compared with the national average, by state: 1992 [United States] [map]. [Washington]: Census Bureau (US): [1993?]. 1 sheet: 22 x 28 cm.; color.

- If neither a date of publication nor a date of copyright can be found nor can the date be estimated, use [date unknown]

Aces Products, cartographer. Navajo Nation, U.S.A., P.H.S., Indian Health Service [map]. Window Rock (AZ): Indian Health Service (US), Navajo Area; [date unknown]. 1 sheet: 1:1,600,000; 26 x 31 cm.; color.

Return to 9. Maps / Date of Publication

### Box 41a: Options for date of publication:

It is not NLM policy, but the following is an acceptable option:

The date of information may follow the author names in the list of references when the name-year system of in-text references is used

- Use the year of publication only
- Place the year after the last named author, followed by a period
- End publisher information with a period

*NLM citation:*

Thorson TD, cartographer. Ecoregions of Oregon [map]. Reston (VA): Geological Survey (US), National Health and Environmental Effects Research Laboratory, West Ecology Division; 2004.

*Name-year system of citation:*

Thorson TD, cartographer. 2004. Ecoregions of Oregon [map]. Reston (VA): Geological Survey (US), National Health and Environmental Effects Research Laboratory, West Ecology Division.

[Return to 9. Maps / Date of Publication](#)

### Box 42: More than one map on a sheet or more than one sheet per map:

- If more than one map appears on a sheet, include this information with the pagination. Place the number of maps before the number of sheets.

2 maps on 1 sheet: 1:2,500,000; 17 x 20 cm.; black & white.

10 maps on 1 sheet: 23 x 17 cm. and 10 x 7 cm.; color.

8 maps on 4 sheets: 1:90,000,000; 20 x 39 cm.; color.

- If a map appears on more than one sheet, include this information with the pagination

2 sheets: 1:4,500,000; sheets 92 x 62 cm.; color.

8 maps on 4 sheets: 1:90,000,000; 20 x 39 cm.; color.

[Return to 9. Maps / Pagination](#)

## Box 43: Language for describing map characteristics:

- Describe map characteristics using the features listed below
  - Give each feature as it is found on the map
  - Abbreviate measures used if desired
    - centimeters = cm.
    - inches = in.
    - miles = mi.
    - kilometers = km.
  - Separate one feature from another by a semicolon and a space
  - End the last of the features with a period
- Scale
 

*Examples:*

  - 1:45,000
  - 1:2,125,000
  - 2 1/4 in. = 1 mi.
  - 1 cm. = 80 km.
- Size in centimeters
 

*Examples:*

  - 33 x 44 cm.
  - 123 x 183 cm.

If more than one map is found on a sheet and they differ in size, include all sizes:

  - 2 maps on 1 sheet: 52 x 76 cm. and 38 x 38 cm.; color
- Color or black & white
 

*Examples:*

  - 1 sheet: 1:1,600,000; 26 x 31 cm.; color.
  - 2 maps on 1 sheet: 1:2,500,000; 17 x 20 cm.; black & white.
- Projection is also sometimes found on a map
  - Use whatever wording is found on the map
  - Abbreviate projection to proj. if desired
  - Place projection information following the scale (or following the number of sheets if no scale is provided)

*Examples:*

  - 1 sheet: 1:24,000; Lambert conformal conic proj.; 68 x 56 cm.; color.
  - 1 sheet: 1:54,109,440; Winkel tripel proj.; 46 x 74 cm.; color.
  - 8 maps on 1 sheet: 1:15,600,000; Azimuthal equidistant proj.; 26 x 20 cm. and 60 x 50 cm.; color.

Return to 9. Maps / Physical Description

## Box 44: Language for describing microform characteristics:

If a map is published on microfiche, microfilm, or microcards:

- Begin with information on the number and type of physical pieces, followed by a colon and a space

2 microfiche:

3 microcards:

1 reel: [of microfilm]

- Enter information on the physical characteristics, such as color and size. Abbreviate common words for measurement, such as in. for inches and mm. for millimeters. Separate types of information by commas.

*Typical words used include:*

color

black & white

positive

negative

4 x 6 in. (standard microfiche size)

3 x 5 in. (standard microcard size)

35 mm. (a standard microfilm size)

16 mm. (a standard microfilm size)

*Examples of complete physical description statements:*

3 microfiche: color, positive, 4 x 6 in.

5 microcards: black & white, 3 x 5 in.

1 reel: black& white, negative, 35 mm.

- Place any microform description after the map characteristics

Return to 9. Maps / Physical Description

## Box 45: Maps appearing in more than one language:

- If the text of a map is written in several languages, give the title in the first language found on the map and indicate all languages of publication after the pagination. Separate the languages by commas.

Brugger EM, cartographer. Asien [map]. Frankfurt (Germany): Kartographischer Verlag Reinhard Ryborsch; 1992. 1 sheet: 1 cm. = 80 km.; 97 x 135 cm.; color. German, English, French.

- If a map appears in two or more equal languages, as often occurs in Canadian publications, give all titles in the order in which they are presented on the map, with an equals sign between them. Indicate the particular languages, separated by a comma, after the pagination and description.

Schwerdt Graphic Arts Ltd., cartographer. Carte de Montreal: communaut  urbaine de Montreal = Montreal city plan: urban community [map]. Whitby (ON): Peter Heiler Ltd.; 1990. 1 sheet: 1:25,000; 110 x 199 cm.; color. French, English.

- If none of the languages is English, follow the title with a translation whenever possible. Place the translation in square brackets.

Brugger EM, cartographer. Asien [Asia] [map]. Frankfurt (Germany): Kartographischer Verlag Reinhard Ryborsch; 1992. 1 sheet: 1 cm. = 80 km.; 97 x 135 cm.; color. German, English, French.

Return to 9. Maps / Language



## Box 46: Map accompanied by written or other material:

- If a booklet or other supplemental material accompanies a map, begin by citing the map
- Add the phrase "Accompanied by:" followed by a space and the number and type of material

*Examples:*

Accompanied by: 1 booklet.

Accompanied by: World's most populous cities, lesson plan, 16 p.

[Return to 9. Maps / Notes](#)

## Box 47: Other types of material to include in notes:

- If a map contains material of particular interest to the audience that may not be apparent from the title, describe it

Veterans Health Services and Research Administration [United States] [map]. Rev. ed. Washington: Department of Veterans Affairs (US); 1991. 1 sheet: 28 x 43 cm.; color. Shows VA regional offices, medical centers, and outpatient clinics.

AIDS and HIV in Latin America and the Caribbean [map]. Washington: Central Intelligence Agency (US); 1993. 2 maps on 1 sheet: 40 x 75 cm.; color. Information taken from reports to World Health Organization, Pan American Health Organization, USAID, and from official estimates in various countries.

Mathes MV, Waldron MC, cartographers. Distribution of fluoride in ground water of West Virginia [map]. Charleston (WV): Geological Survey (US); 1993. 1 sheet: 1:2,125,000; 32 x 36 cm.; black & white. Prepared in cooperation with the West Virginia Geological and Economic Survey.

- If the map is a US government publication and may be obtained from the US Government Printing Office or the National Technical Information Service, provide the name and location of the service and the acquisition number. Begin with the phrase "Available from" followed by a colon and a space

Thorson TD, cartographer. Ecoregions of Oregon [map]. Reston (VA): Geological Survey (US), National Health and Environmental Effects Research Laboratory, Western Ecology Division; 2004. 1 sheet: 33 x 44 cm.; color. Available from: US Government Printing Office, Washington, DC; I 19.79:EC 7/OR/2004.

- Give the name of a library or other archive where the map may be found. Begin with the phrase "Located at" followed by a colon and a space

Brugger EM, cartographer. Asien [map]. Frankfurt (Germany): Kartographischer Verlag Reinhard Ryborsch; 1992. 1 sheet: 1 cm. = 80 km.; 97 x 135 cm.; color. German, English, French. Located at: Ohio State University Library, Columbus, Ohio; G7400 1992 .K3.

[Return to 9. Maps / Notes](#)